

# Lodi Citizen's Monitoring - Lodi, California

## MAY 2007

**Weather:** Light breeze, Clear, temperature 26C (79 F)  
 date Water had some turbidity and some olive brown color reported.  
 11-May-07 Medium flow, river level up, March 16, 2007 Lodi Lake started filling.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	11-May-07	13:05	7.8 A	16.5 C A	61.7 F	9.6 A	2.7 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	11-May-07	13:20	7.1 A	16.9 C A	62.4 F	9.5 A	2.4 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln	na	15:20	7.0 A	17.9 C A	64.2 F	7.4 A	3.1 ntu A	40 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	11-May-07	15:10	7.4 A	19.3 C A	66.7 F	8.5 A	6.8 ntu B	30 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	11-May-07	15:08	7.3 A	19.3 C A	66.7 F	8.8 A	.9 ntu A	40 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake	11-May-07	15:30	7.8 A	22.7 C A	72.9 F	8.6 A	2.1 ntu A	40 A	0 A	
Site # 8 Lodi Lake near Storm Drain	11-May-07	15:15	7.8 A	21.6 C A	70.9 F	9.1 A	2.5 ntu A	40 A	0 A	
Site # 9 River at WID Dam	11-May-07	15:40	7.4 A	20.2 C A	68.4 F	8.8 A	3.5 ntu A	40 A	0 A	

**Weather:** Some overcast, sunny and light breeze, temperature 31 C (87 F)  
 date Water a little turbid with some olive-brown and green color reported.  
 25-May-07 Medium flow, river level up, March 16, 2007 Lodi Lake started filling.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	25-May-07	12:22	8.2 B	17.8 C A	64.0 F	9.2 A	2.6 ntu A	40 A	0	
Site # 2 River near Casa de Lodi	25-May-07	12:30	8.0 A	16.7 C A	62.1 F	9.1 A	2.8 ntu A	30 A	0	
Site # 5 River at 1050 N Lincoln	25-May-07	15:25	7.3 A	19.7 C A	67.5 F	8.7 A	3.7 ntu A	40 A	0	
Site # 7 River, near Gazebo N/O Lodi Lake	25-May-07	15:00	7.5 A	19.8 C A	67.6 F	7.8 B	2.0 ntu A	40 A	0	

Site # 7 River, near Gazebo N/O Lodi Lake	25-May-07	16:00	7.5 A	19.8 C A	67.6 F	8.4 A	.2 ntu A	80 A	0	
Site # 7A East end (S/o SD) Lodi Lake	25-May-07	16:30	8.9 C	25.5 C A	77.9 F	9.3 A	.1 ntu A	50 A	0	
Site # 8 Lodi Lake near Storm Drain	25-May-07	15:15	8.6 C	23.0 C A	73.4 F	10.5 A	8 ntu B	40 A	0	Substantial algae
Site # 9 River at WID Dam	25-May-07	15:45	7.7 A	21.4 C A	70.5 F	10.4 A	3.5 ntu A	40 A	na	

NA = Not Analyzed

<u>GRADE:</u>	<u>pH</u>	<u>Temp</u>	<u>D.O.</u>	<u>Turbidity</u>	<u>TDS</u>	<u>Nitrates</u>
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000	> 10